

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121820\
 Data File : VU041668.D
 Acq On : 18 Dec 2020 10:13
 Operator : SY/MD
 Sample : L5129-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL8

Manual Integrations
 APPROVED

MMDadoda
 12/19/2020 12:46:08 PM

Quant Time: Dec 19 08:31:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 19 04:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116524	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113915	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51969	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	12495	1.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	27.40%#
7) Chloroethane-d5	1.92	69	16760	2.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	47.60%#
11) 1,1-Dichloroethene-d2	2.58	63	22286	1.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	26.60%#
20) 2-Butanone-d5	4.65	46	137072	52.38	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.76%
24) Chloroform-d	5.08	84	48951	3.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.80%#
26) 1,2-Dichloroethane-d4	5.71	65	28855	3.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.20%#
32) Benzene-d6	5.74	84	78804	2.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	48.40%#
36) 1,2-Dichloropropane-d6	6.70	67	30434	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	59.60%#
41) Toluene-d8	7.90	98	59447	2.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	40.40%#
43) trans-1,3-Dichloropropene-	8.19	79	11391	2.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	49.60%#
46) 2-Hexanone-d5	8.64	63	102855	40.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.82%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	40275	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	31658	3.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	68.60%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	2182m	1.311	ug/L	
14) Carbon disulfide	2.81	76	17207	0.630	ug/L	# 95
25) Chloroform	5.10	83	12687	0.824	ug/L	95
42) Toluene	7.97	91	1321	0.035	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

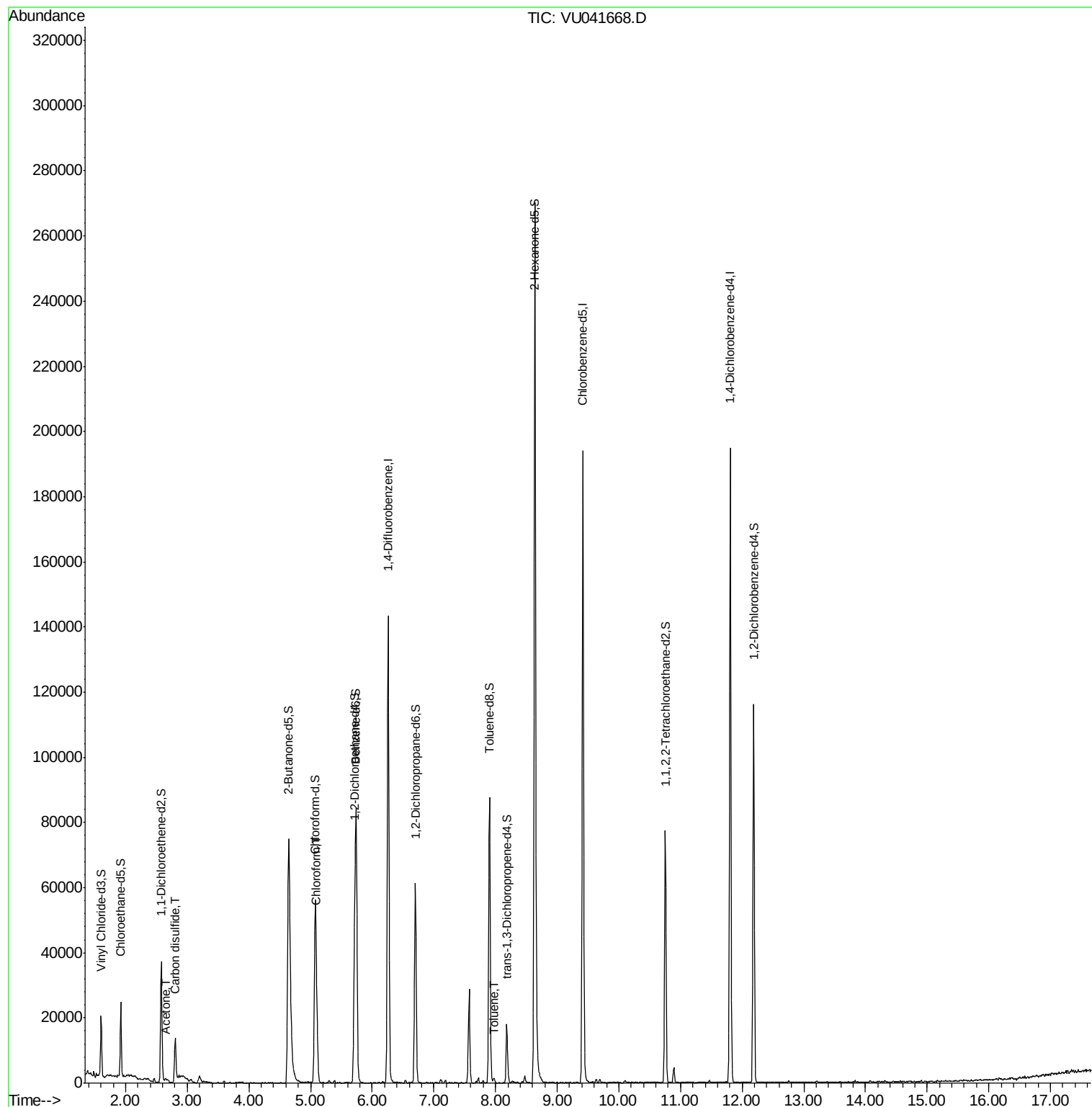
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121820\
Data File : VU041668.D
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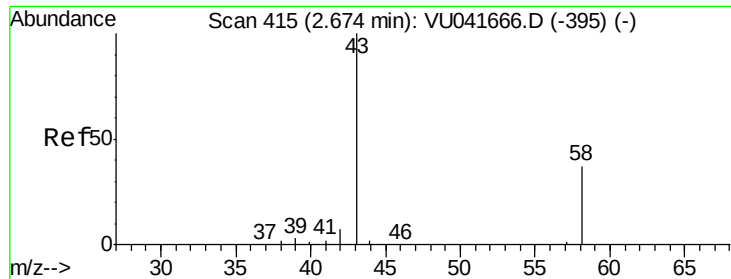
Instrument :
MSVOA_U
ClientSampleId :
C0AL8

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Quant Time: Dec 19 08:31:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 19 04:12:21 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.311 ug/L m

RT: 2.65 min Scan# 408

Delta R.T. -0.02 min

Lab File: VU041668.D

Acq: 18 Dec 2020 10:13

Instrument :

MSVOA_U

ClientSampleId :

C0AL8

Tot Ion: 43 Resp: 2182

Ion Ratio Lower Upper

43 100

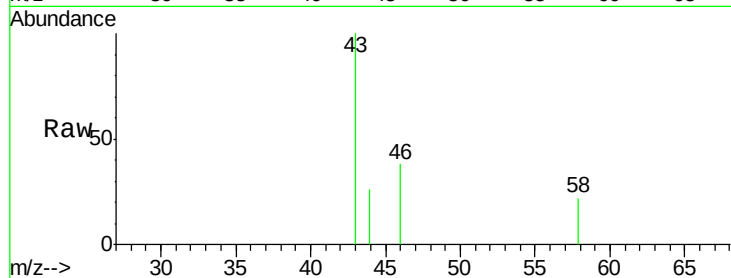
58 11.1 0.0 73.2

Manual Integrations

APPROVED

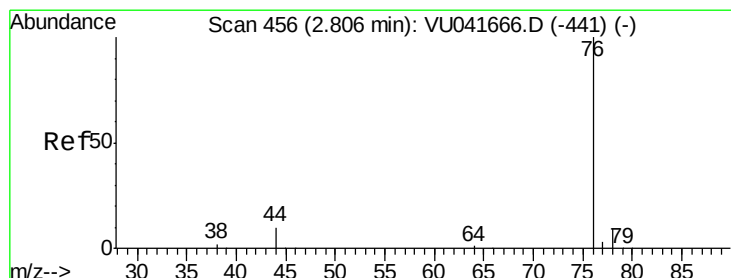
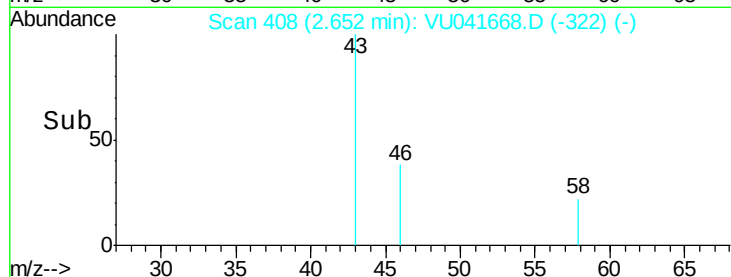
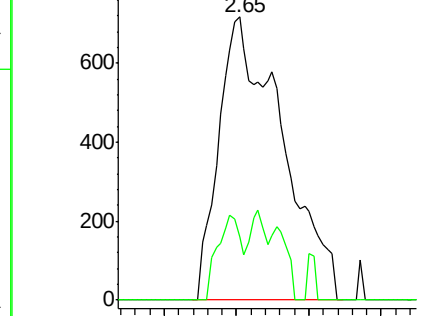
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Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#14

Carbon disulfide

Concen: 0.630 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU041668.D

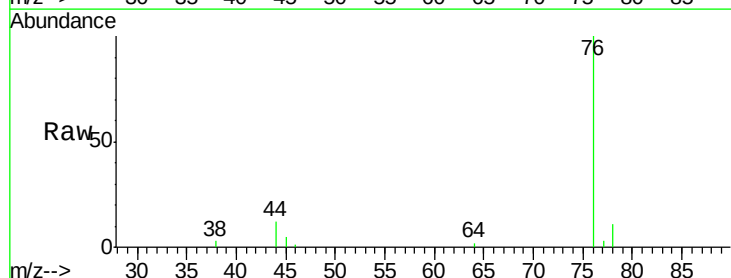
Acq: 18 Dec 2020 10:13

Tgt Ion: 76 Resp: 17207

Ion Ratio Lower Upper

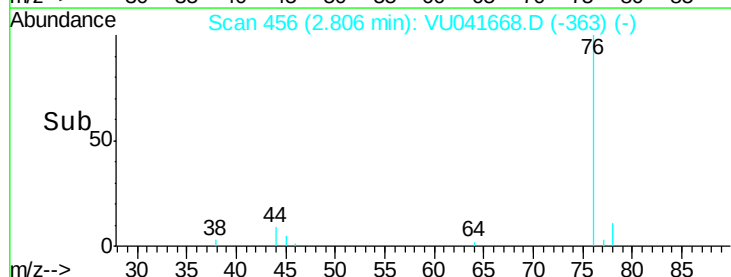
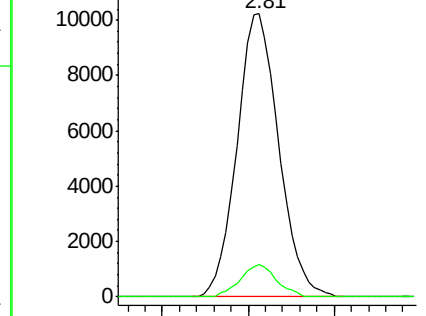
76 100

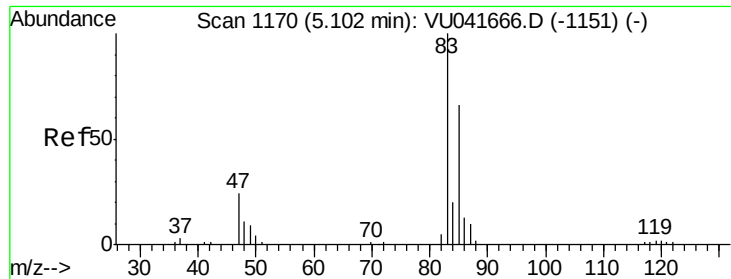
78 11.3 7.4 11.2#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0





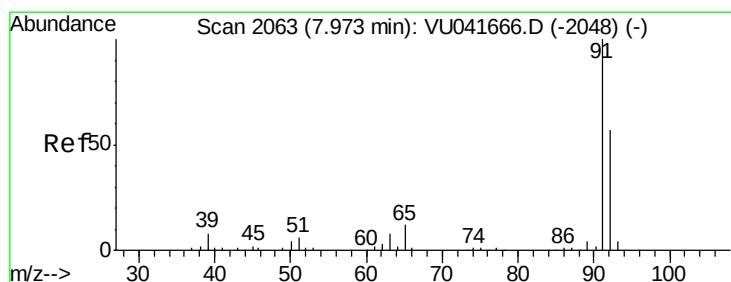
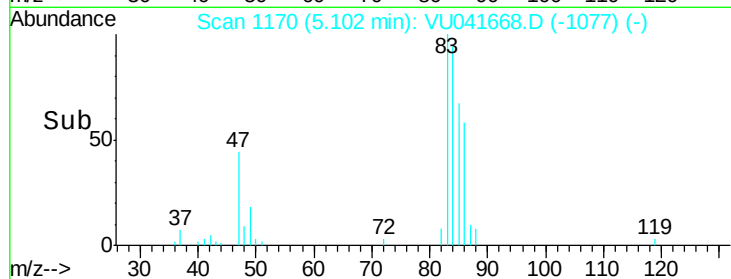
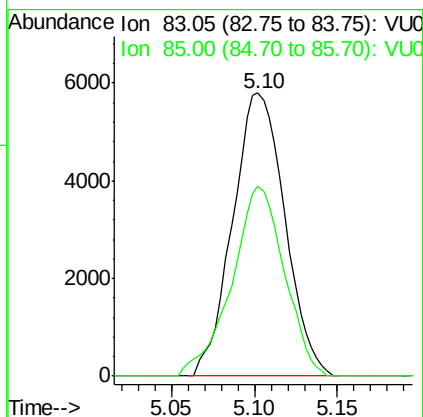
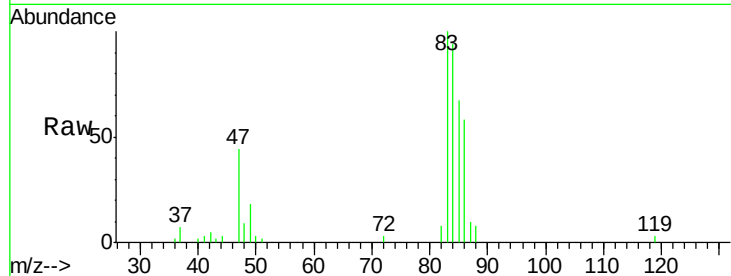
#25
Chloroform
Concen: 0.824 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. 0.00 min
Lab File: VU041668.D
Acq: 18 Dec 2020 10:13

Instrument :
MSVOA_U
ClientSampled :
C0AL8

Tot Ion: 83 Resp: 12687
Ion Ratio Lower Upper
83 100
85 67.0 44.2 82.0

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#42
Toluene
Concen: 0.035 ug/L
RT: 7.97 min Scan# 2062
Delta R.T. -0.00 min
Lab File: VU041668.D
Acq: 18 Dec 2020 10:13

Tgt Ion: 91 Resp: 1321
Ion Ratio Lower Upper
91 100
92 59.5 40.0 74.2

